



Safety Measurement System vs. SafeStat

Within the Compliance, Safety, Accountability (CSA) Operational Model, the Safety Measurement System (SMS) quantifies the on-road safety performance of carriers to identify candidates for interventions, to determine the specific safety problems exhibited by a carrier and its drivers, and to monitor whether safety problems are improving or getting worse. SMS replaces SafeStat in the Operational Model.

CSA's SMS	Previous System — SafeStat
Organized by 7 B ehavior A nalysis and S afety I mprovement C ategories (BASICS)	Organized in 4 broad categories — S afety E valuation A reas (SEAs)
Identifies safety problems to determine with whom to intervene and, when appropriate, where to focus investigations	Identified carriers for a compliance review
Emphasizes on-road safety performance, using all safety-based inspection violations	From roadside inspections, used only out-of-service and moving violations
Used to propose adverse safety fitness determination based on carriers' current on-road safety performance (future)	Had no impact on safety rating
Violations are weighted based on relationship to crash risk	Violations were not weighted based on relationship to crash risk
Assesses carriers and drivers — the Driver SMS is a tool for investigators to identify drivers with safety problems during carrier investigations	Assessed carriers only

